

Amendments to the Claims:

This listing of claims replaces all prior listings, and versions, of claims in the application:

Listing of Claims:

1. (Currently amended) Apparatus for a radio communication system having a network part at which a ~~network-copy database is~~ plurality of disparate databases for a mobile node are maintained and a mobile node at which a ~~mobile-copy database is~~ said plurality of disparate databases for said mobile node are also maintained, ~~both of said network-copy database and said mobile-copy database~~ said network copies of the plurality of disparate databases and the mobile node copies of the plurality of disparate databases being asynchronously updateable during synchronization sessions conducted between the network part and the mobile node, ~~them~~, said apparatus for facilitating placement of data stored at [[a]] selected [[one]] ones of the plurality of disparate databases at the network part and at the mobile node, ~~network-copy database and mobile-copy database~~ into a form to facilitate efficient communication thereof pursuant to a synchronization session during which the ~~network-copy database~~ databases and the corresponding mobile node copies of the databases ~~mobile-copy database~~ are synchronized to each other, said apparatus comprising:

a change list maintained at at least [[at a selected]] one of the network part and the mobile node ~~and associated with a corresponding selected one of the network-copy database and the mobile-copy database~~, said change list containing a history of [[all]] changes made to the plurality of disparate databases at the corresponding mobile node and network part, ~~selected one of the network-copy database and the mobile-copy database~~, ~~that were made~~ subsequent to a previously-conducted synchronization session;

a change-list coordinator adapted to receive said change list ~~containing a history of all changes made to the corresponding selected one of the network-copy database and the mobile-copy database that were made subsequent to the previously-conducted synchronization session~~, said change-list coordinator for and coordinating the history of

changes contained in said change list such that the history of changes made since the previously-conducted synchronization session excludes redundant changes that were made to the plurality of disparate databases ~~corresponding selected one of the network-copy database and the mobile-copy database~~ subsequent to the previously-conducted synchronization session; and

a formatter, which formats a change entry in the change list to include a tag length indicator, which indicates a length of a change entry.

2. (Currently amended) The apparatus of claim 1 wherein data ~~maintained at~~ in the network-copy plurality of disparate databases at the network part and in the corresponding mobile node copies of the plurality of disparate databases maintained at the mobile node database and at the mobile-copy database is formatted into data records, each data record formed of at least one data field, and wherein said change list coordinator coordinates the history of changes such that, for any data record, in the plurality of disparate databases, the change listings note changes, if any, to the at least one data field of the data records and exclude data fields of the data records that are absent changes.

3. (Original) The apparatus of claim 2 wherein said change list coordinator coordinates the history of changes such that the change listings note, for each data record containing a change, a single resultant data record, in which changes, if any, are cumulated and the single-resultant data record is formed as a result thereof.

4. (Original) The apparatus of claim 3 wherein the changes to at least one data record comprise a first change to a selected data field thereof and a second change to the selected data field, and wherein the single resultant data record is formed of a cumulated result of the first change and the at least the second change.

5. (Previously presented) The apparatus of claim 4 wherein the second change negates the first change and wherein said change-list coordinator further coordinates the history of changes contained in said change list to prevent inclusion of changes in the change list that negate one another.

6. (Original) The apparatus of claim 3 wherein the changes to at least one data record comprise a first change to a first selected data field thereof and a second change to a second selected data field thereof, and wherein the single resultant data record is formed of the first selected data field and the second selected data field.

7. (Original) The apparatus of claim 6 wherein the single resultant data record comprises solely the first selected data field and the second selected data field.

8. (Currently amended) The apparatus of claim 1 wherein the history of all changes contained in said change list and coordinated by said change list coordinator are formatted to be free of null terminated values.

9. (Original) The apparatus of claim 1 wherein said change list coordinator further comprises a formatter, said formatter for formatting each change listing of the history of changes contained in said change list to be of a selected format.

10. (Original) The apparatus of claim 9 wherein the selected format by which the formatter of said change list coordinator formats each change listing includes a tag length encoding format.

11. (Original) The apparatus of claim 10 wherein each change listing is of at least a first selected change-type of a set of change-types, the change-type defining a tag, the tag contained in the change listing when formatted pursuant to the tag length encoding format.

12. (Original) The apparatus of claim 10 wherein each change listing is of a selected listing length, the history when formatted pursuant to the tag length encoding format.

13. (Original) The apparatus of claim 10 wherein said change listing is free of terminator values separating separate ones of the change listings thereof.

14. (Original) The apparatus of claim 1 wherein said change listing is of a selected maximum size.

15. (Currently amended) A method of communicating in a radio communication system having a network part at which ~~a network copy database is~~ network copies of a plurality of disparate databases are maintained and a mobile node at which ~~a mobile copy database is~~ mobile node copies of the plurality of disparate databases are maintained, and wherein ~~said network copy database and said mobile node copy database~~ said network copies of the plurality of disparate databases and the corresponding mobile node copies of the plurality of disparate databases are asynchronously updateable and synchronized to each other during synchronization sessions, said method for facilitating placement of data stored at at least a selected one of the plurality of disparate network copy database databases and a corresponding one of the plurality disparate databases at the mobile node, ~~mobile copy database~~ into a form to facilitate efficient communication thereof pursuant to a second synchronization session that takes place after a previously-conducted first synchronization session, said method comprising:

coordinating a history of all changes to at least a selected one of the network copy database and the mobile copy database plurality of disparate databases at at least one of the network and at the mobile node, that were made subsequent to the previously-conducted first synchronization session such that the history of all changes includes only non-redundant

changes to ~~[[a]] the at least a selected one of the plurality of disparate databases at the network part and at the mobile node; network copy database and the mobile copy database;~~

placing the history of all changes that were made subsequent to the previously-conducted first synchronization session and that includes only non-redundant changes coordinated during said operation of coordinating into a change list maintained at a corresponding one of the network part and the mobile node, corresponding to the network copy database and the mobile copy database of which the history of changes is indicative; ~~[[and]]~~

appending an identifier to the change list, which identifies the length of an entry in the change list and;

performing a synchronization of the other one of the mobile-copy database and the network-copy database in said second synchronization session using the change list.

16. (Original) The method of claim 15 wherein data maintained at the network copy database and at the mobile copy database is formatted into data records, each data record formed of at least one data field, and wherein coordination performed during said operation of coordinating comprises coordinating the history of changes such that, for any data record, the change listings note changes, if any, to the at least one data field of the data records and exclude data fields of the data records that are absent changes.

17. (Currently amended) The method of claim 16 wherein coordination performed during said operation of coordinating comprises coordinating the history of all changes such that, for any data record, the change listings note changes, if any, to the at least one data field of the data records that are absent changes.

18. (Original) The method of claim 17 wherein the changes to at least one data record comprises a first change to a selected data field thereof and a second change to the selected data field and wherein the single resultant data record is formed of a cumulated result of the first change and the at least the second change.

19. (Original) The method of claim 18 wherein the second change negates the first change and wherein coordination performed during said operation of coordinating further prevents inclusion in the change list changes the negate one another.

20. (Original) The method of claim 15 wherein said operation of coordinating further comprises formatting each change listing into a selected format.